

	Issue Date	Pages	Title	Document ID	Current OR	Current XRef
1	20030403	16	Liquid-crystal display device	US 20030063057 A1	345/87	
2	20021205	108	Display device method of driving same and electronic device mounting same	US 20020180673 A1	345/87	
3	20021003	13	Variable transmittance birefringent device	US 20020140884 A1	349/113	
4	20020613	17	COLOR LIQUID CRYSTAL DISPLAY	US 20020070911 A1	345/88	
5	20020124	75	Driving method of image display device, driving device of image display device, and image display device	US 20020008688 A1	345/98	
6	20011227	21	Optical element, optical light source unit and optical display device equipped with the optical light source unit	US 20010055208 A1	362/260	349/115; 362/26; 362/293; 362/31; 362/318
7	20011018	15	Liquid crystal display and projector using the same	US 20010030723 A1	349/113	
8	20011011	16	Liquid crystal display	US 20010028430 A1	349/139	
9	20030429	16	Liquid crystal display and projector using the same	US 6556267 B2	349/129	349/130

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10	20021217	29	Liquid crystal apparatus	US 6496170 B1	345/87	345/101; 345/204; 345/206; 345/214; 345/92; 345/93; 345/94; 345/97; 345/98; 345/99; 349/172; 349/174; 349/33; 349/38
11	20021210	45	Chromogenic window assembly construction and other chromogenic devices	US 6493128 B1	359/265	244/129.3; 349/16; 359/241; 359/275; 52/204.5
12	20021203	15	Vertical alignment liquid crystal display having improved driving voltage control	US 6490013 B2	349/33	345/94
13	20020514	44	Spatial light modulator and a method for driving the same	US 6388649 B1	345/89	345/94; 345/97
14	20020409	23	Liquid crystal display device having reflective electrodes for controlling the azimuth of the liquid crystal	US 6369870 B1	349/130	349/113; 349/181
15	20011016	17	Liquid crystal display having an off driving voltage greater than either zero or an optical characteristics changing voltage	US 6304304 B1	349/33	345/94

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16	20010710	53	Video image display apparatus and method	US 6259426 B1	345/581	348/44; 348/46
17	20010213	14	Liquid crystal display and projector using the same	US 6188456 B1	349/113	349/130; 349/131
18	20000912	22	Light scattering type liquid crystal display device, and method for driving it	US 6118422 A	345/94	345/87
19	20000905	10	Vertically aligned liquid crystal display	US 6115100 A	349/181	349/130; 349/143
20	20000801	11	Reflection type liquid crystal display	US 6097466 A	349/143	252/299.63; 252/299.67; 349/129; 349/42
21	20000321	48	Chromogenic window assembly construction and other chromogenic devices	US 6039390 A	296/211	296/215; 349/16; 52/171.3; 52/786.1
22	20000314	20	Active matrix liquid crystal display for projection system	US 6038004 A	349/44	349/139; 349/38; 349/42; 349/43; 359/333
23	20000314	60	Bistable nematic liquid crystal which remains tilted in first and second states and which is tilted according to driving voltage	US 6038001 A	349/33	345/89; 345/95; 345/96; 349/177; 349/85
24	19991123	36	Shift register having a plurality of circuit blocks and image display apparatus using the shift register	US 5990857 A	345/98	345/100; 345/204; 345/213
25	19970617	44	Liquid crystal device with the retardation of the liquid crystal layer greater than $\lambda/2$ and a method for driving the same	US 5640259 A	349/33	349/177

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26	19970128	58	Display apparatus	US 5597223 A	353/97	349/61; 353/101
27	19960521	55	Display apparatus with a variable aperture stop means on each side of the modulator	US 5519518 A	349/57	349/62
28	19951212	18	Optical information processing element and a light-to-light converting device	US 5475213 A	250/214LA	369/284
29	19951024	18	Display device with a light shutter front end unit and gas discharge back end unit	US 5461397 A	345/102	345/5; 345/66
30	19950620	12	Aberration correction method and aberration correction apparatus	US 5426521 A	359/9	359/29; 359/32; 359/559
31	19950613	84	Method of driving liquid-crystal display elements	US 5424753 A	345/94	345/58; 345/91
32	19940705	19	Optical calculating apparatus	US 5327274 A	359/107	349/17; 359/254; 359/259
33	19911029	12	Ferroelectric liquid crystal display having opposingly inclined alignment films wherein the liquid crystal has one twisted and two aligned states which coexist and a driving method to produce gray scale	US 5061044 A	349/133	345/89; 345/97; 349/128; 349/37
34	19881004	9	Driving circuit of a liquid crystal display panel which equivalently reduces picture defects	US 4775861 A	345/93	345/206; 345/92; 349/54

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35	19871006	47	Image processor	US 4697910 A	399/51	347/129; 347/131; 358/300; 399/5
36	19851217	13	Liquid crystal composition	US 4559161 A	252/299.63	252/299.01; 252/299.64; 252/299.65; 252/299.66; 349/170

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1	20011011	16	Liquid crystal display	US 20010028430 A1	349/139	
2	20021203	15	Vertical alignment liquid crystal display having improved driving voltage control	US 6490013 B2	349/33	345/94
3	20011016	17	Liquid crystal display having an off driving voltage greater than either zero or an optical characteristics changing voltage	US 6304304 B1	349/33	345/94
4	19951024	18	Display device with a light shutter front end unit and gas discharge back end unit	US 5461397 A	345/102	345/5; 345/66

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	27688	driving near voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	15270	pixel near electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	1925	color adj LCD	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	48	1 and 2 and 3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L7	3110	display adj electrodes	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L8	13	3 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L9	110	RGB and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L10	10	1 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	BRS	L11	617	control near transmittance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L12	3	7 and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L13	185	maximum and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	BRS	L14	4	3 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB